

MATH2111 Class Exercise 10

Family Name	Other Names	Student No.

CALCULATORS MUST NOT BE USED

1. An experiment with probability $p = 0.6$ of success is carried out 5 times.

(a) What is the exact probability of no successes?

(2)

(b) Use the Tables to approximate your answer to (a).

(1)

(c) What's the probability of at most 2 successes?

(1)

(d) What's the probability of at least 4 successes?

(1)

2. The experiment of Question 1 is now carried out 10 times.

(a) What is the probability of at most four successes?

(1)

(b) What is the probability of between 3 and 6 successes?

(2)

(c) What is the probability of exactly 7 successes?

(2)
